PMS 325
SUPPORT SHIPS, BOATS, & CRAFT
SEALIFT and SPECIAL MISSION SHIPS

PROGRAM MANAGER
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9th EXPEDITIONARY WARFARE CONFERENCE
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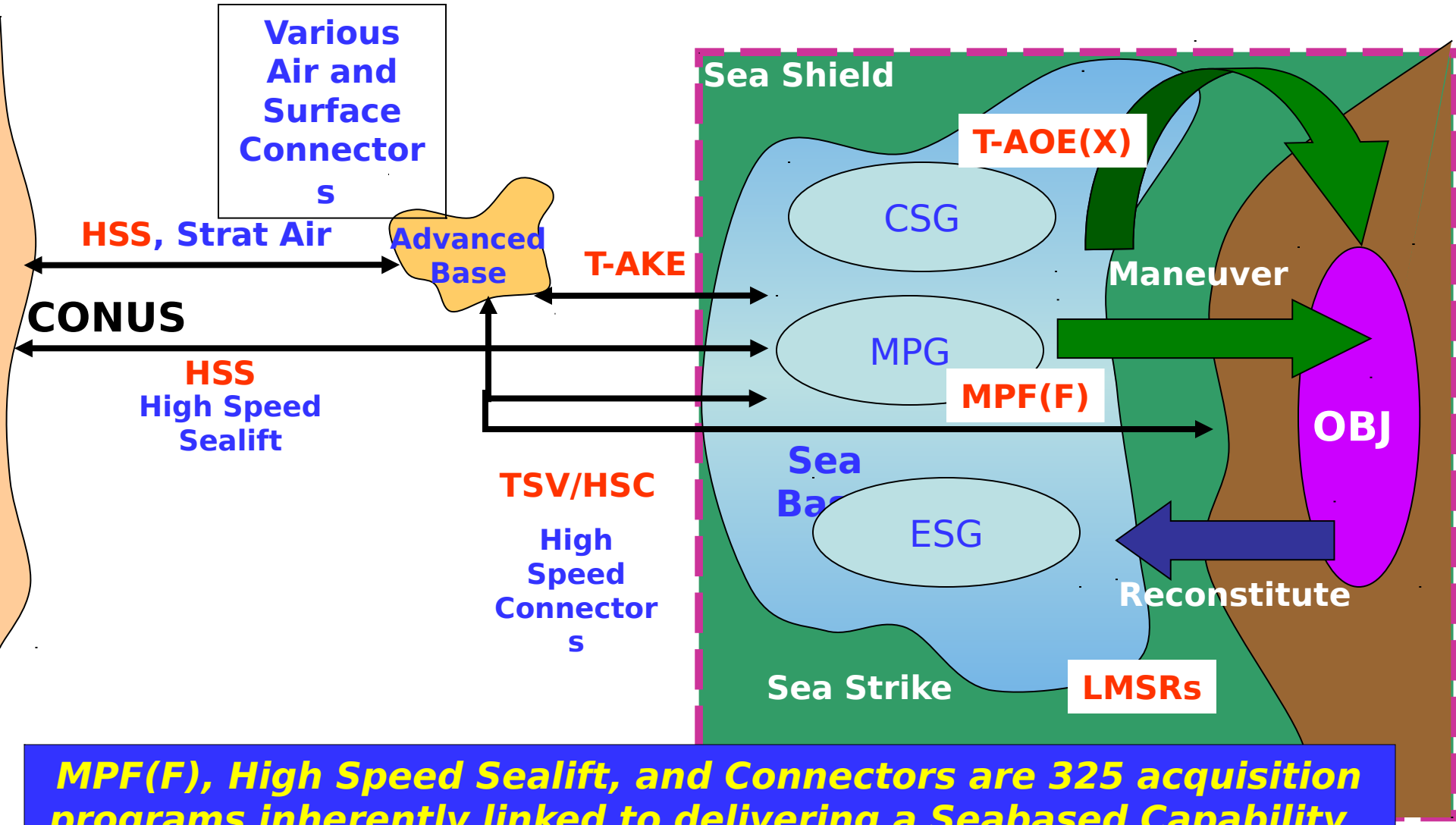
PMS 325 PROGRAMS

- *LEWIS & CLARK Class (T-AKE 1)
- *Maritime Prepositioning Force (Future)
- *Fast Combat Support Ship (T-AOE(X))
- *Strategic Sealift (LMSRs)
- Regional Ocean Research Vessel
- Cobra Judy / Observation Island Replacement (T-AGM(R))
- *Theater Support Vessel (TSV) and *High Speed Connectors (HSC)
- *High Speed Sealift (HSS)
- Fast Missile Craft (FMC)
- Small Boats
- Service Craft / Seaborne Targets
- Foreign Military Sales
- CNO’s Counternarcotics Program

*Seabase Related Programs

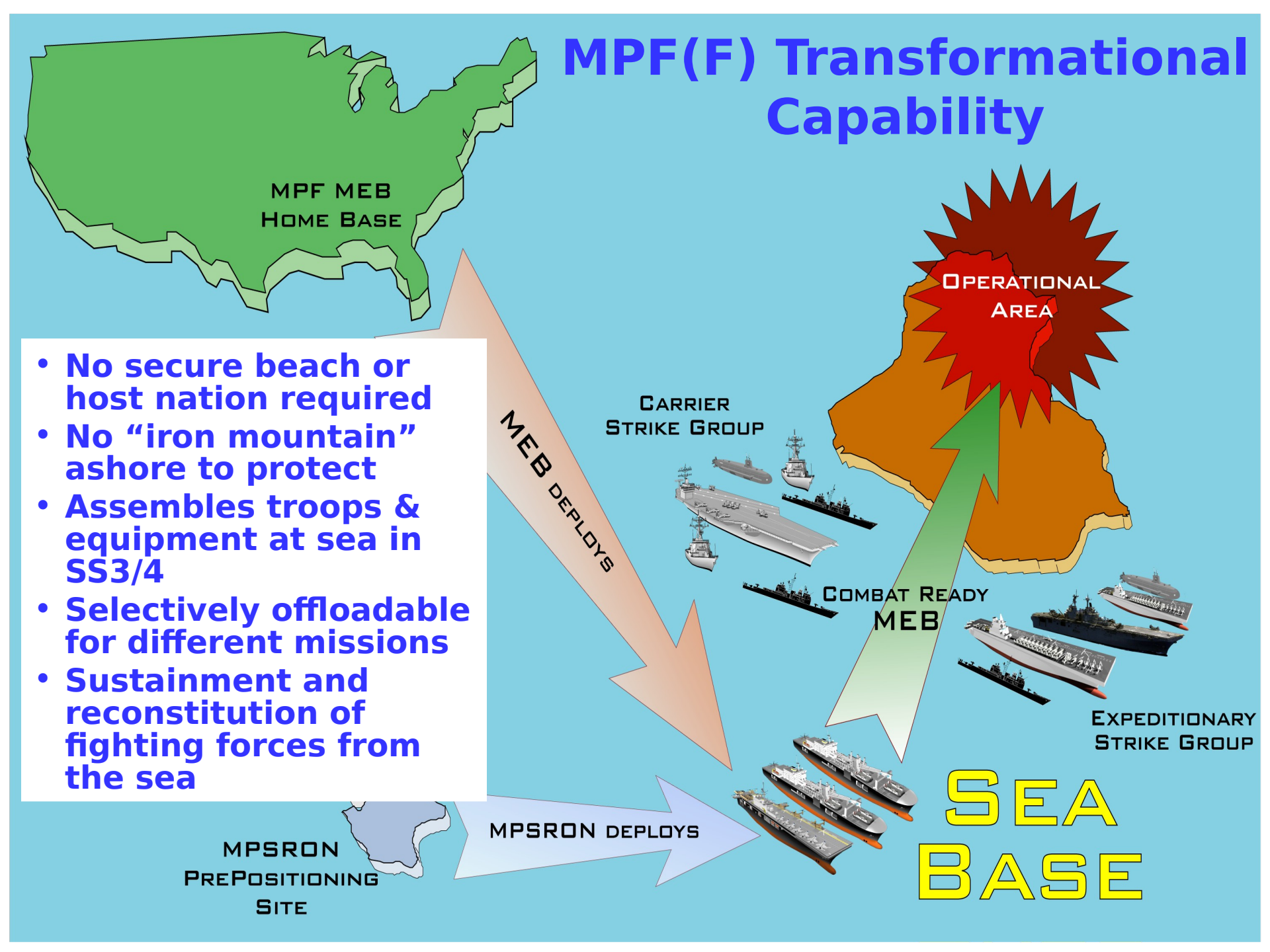
Notional Seabasing Scenario



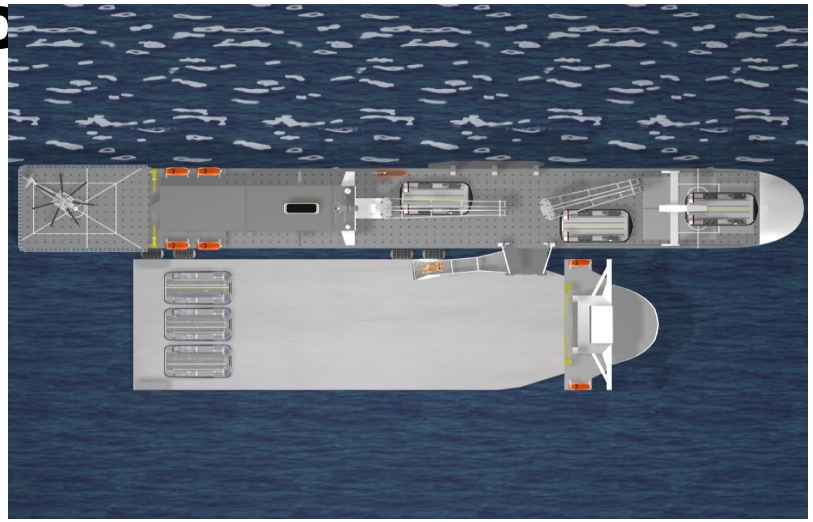
MPF(F), High Speed Sealift, and Connectors are 325 acquisition programs inherently linked to delivering a Seabased Capability. T-AKE and T-AOE(X) will support combatants and other ships within the Seabase.

MPF(F) Transformational Capability

- No secure beach or host nation required
- No “iron mountain” ashore to protect
- Assembles troops & equipment at sea in SS3/4
- Selectively offloadable for different missions
- Sustainment and reconstitution of fighting forces from the sea



MPF(F) Technologies - Integrated Landing Platform/Mobile Landing Platfo



MPF(F) Technologies - Skin-to-Skin

MPF(F) Technologies - Automated Cargo Handling

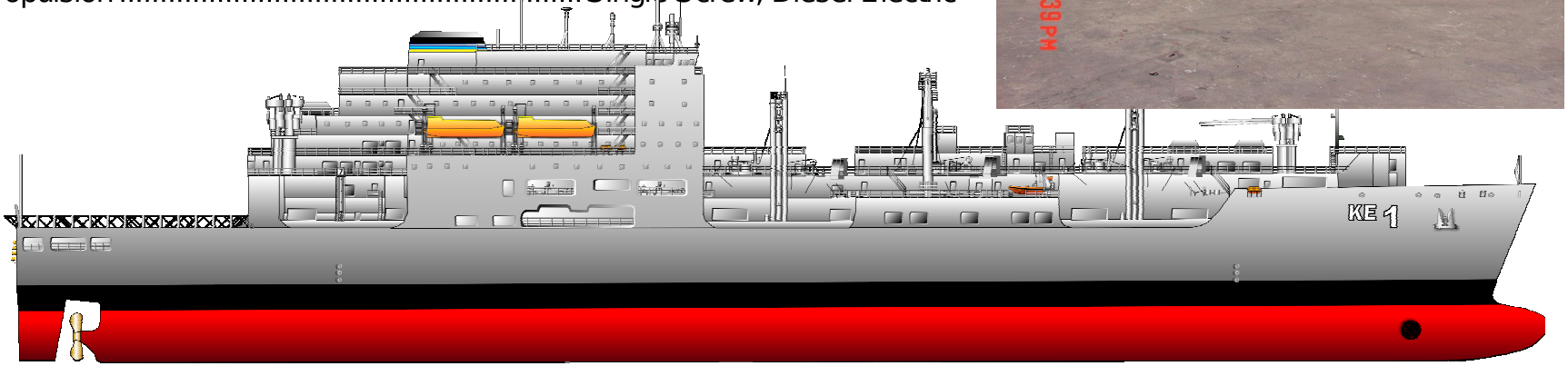
LEWIS & CLARK CLASS (T-AKE 1)

- **Primary products are ammunition, food, fuel, repair parts, ship store items, and other consumables to station ships and other naval warfare forces.**
- **Lead ship was awarded to National Steel and Shipbuilding Company with options for eleven follow ships.**

Design Particulars:

Length	210m (689 ft.)	Speed	20 kts
Beam	32.2m (105 ft.)	Max Dry Cargo Weight	7,800 MT
Draft	9.1m (29.8 ft.)	Max Cargo Fuel	23,450 bbls
Displacement	~41,000 MT	Accommodations	197

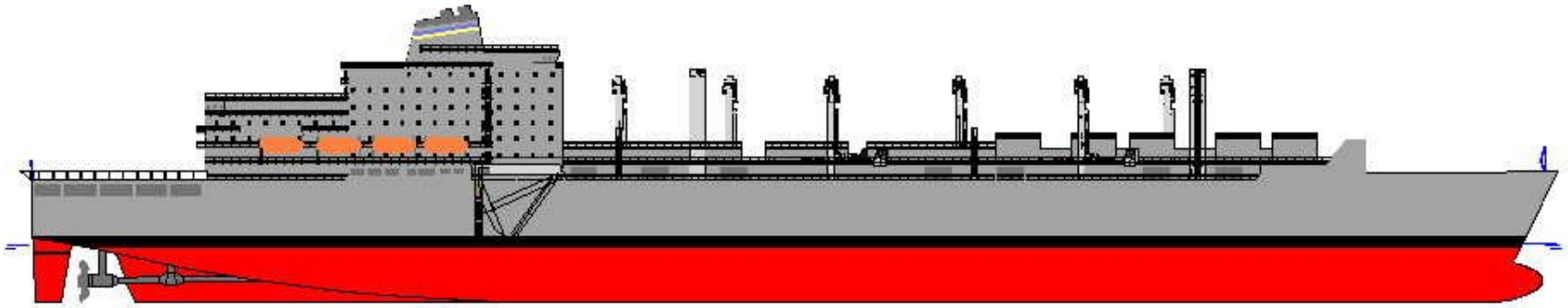
Propulsion ..... Single Screw, Diesel Electric



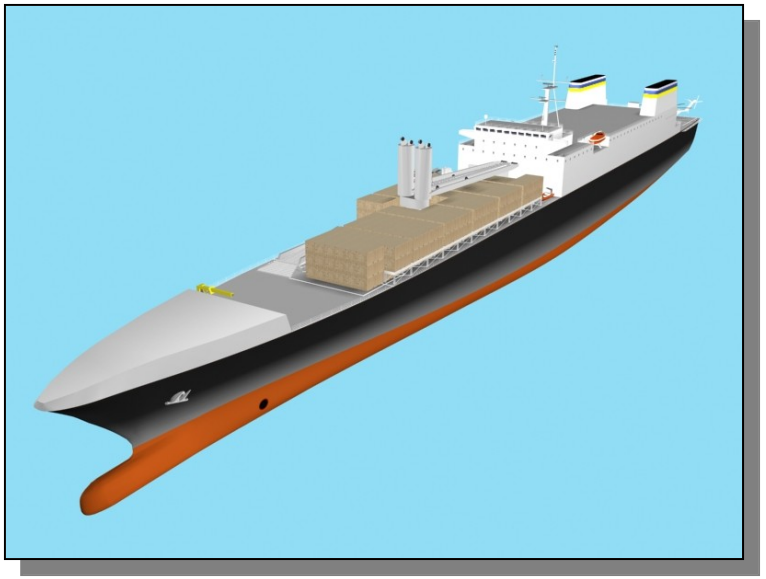
T-AKE 1
SEP 20 2004

Fast Combat Support Ship T-AOE(X)

- Large combat logistics ships with speed to keep up with the Carrier Strike Group
- Provides fuel, ammunitions, and stores
- Receives products via UNREP with shuttle ships and redistributes to the CVBG
  - Reduces vulnerability/maximizes time on line of serviced ships by limiting alongside time
- Capable of simultaneous CONREP & VERTREP
- MSC CIVMAR crew with USN MILDET
- Built to commercial standards
- FY09 Lead Ship
- AoA recently commenced



HIGH SPEED SEALIFT



- Future program
- Key connector concept for inter-theater lift
  - Transport of non-deployable helicopters,
    troops and small amount of cargo
- Speed required - 36-40 knots
- Key technologies - skin to skin,

TSV/HSC Program

- **TSV / HSV – intratheater connector to be developed as a joint procurement**
- **Can move equipment, troops, rolling stock, containers and pallets**
- **Shallow draft - better port access than larger ships**
- **Beaching & non-beaching variants will be considered**
- **Self deploying over long distances (without cargo)**
- **Commercial**

Large Medium Speed Roll-on/Roll-off